

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 69 (canceled)

70. (currently amended) An isolated DNA molecule comprising a lysozyme gene expression controlling region comprising a nucleotide sequence at least 95% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67 operably linked to a nucleic acid molecule encoding a polypeptide other than a chicken lysozyme protein wherein the DNA molecule is obtained from a chicken and directs expression of the nucleic acid molecule in a cell.

71. (canceled)

72. (currently amended) The isolated DNA molecule of claim 70 comprising a sequence at least ~~95%~~ 99% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

73. (currently amended) The isolated DNA molecule of claim 70 comprising a sequence ~~at least 99%~~ identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

74. (currently amended) ~~The An~~ isolated DNA molecule ~~of claim 70~~ comprising a ~~functional portion~~ fragment of a nucleotide sequence at least 95% identical to ~~of~~ SEQ ID NO: 67 or to the complement of SEQ ID NO: 67, wherein the fragment is functional as a gene expression controlling region, operably linked to a nucleotide sequence encoding a protein of pharmaceutical interest.

75. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising a 5' matrix attachment region or an intrinsically curved region of DNA.

76. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising a transcription enhancer.

77. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising a negative regulatory element.

78. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising at least one hormone responsive element.

79. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising an avian CRI repeat element.

80. (currently amended) The isolated DNA molecule of claim ~~70~~ 74 comprising a proximal lysozyme promoter or signal peptide-encoding region.

81. (previously added) The isolated DNA molecule of claim ~~70~~ 74 comprising a polyadenylation signal sequence.

82. (previously added) The isolated DNA molecule of Claim 81 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

83-87 (canceled)

88. (currently amended) An isolated DNA molecule comprising a gene expression controlling region comprising a ~~nucleotide sequence of SEQ ID NO: 67 or a complement of SEQ ID NO: 67 or a nucleotide sequence that hybridizes to the nucleotide sequence of SEQ ID NO: 67 or hybridizes to the complement of the nucleotide sequence of SEQ ID NO: 67,~~ each hybridization in the presence of ~~about~~ 1.0 M Na ion at a temperature of ~~about~~ 60° C ~~wherein the gene expression controlling region is operably linked to a nucleic acid molecule encoding a polypeptide other than a chicken lysozyme protein and directs expression of the nucleic acid molecule in a cell.~~

89. (previously added) The isolated DNA molecule of claim 88 comprising a 5' matrix attachment region or an intrinsically curved region of DNA.

90. (previously added) The isolated DNA molecule of claim 88 comprising a transcription enhancer.

91. (previously added) The isolated DNA molecule of claim 88 comprising a negative regulatory element.

92. (previously added) The isolated DNA molecule of claim 88 comprising at least one hormone responsive element.

93. (previously added) The isolated DNA molecule of claim 88 comprising an avian CRI repeat element.

94. (previously added) The isolated DNA molecule of claim 88 comprising a proximal lysozyme promoter or signal peptide-encoding region.

95. (currently amended) The isolated ~~Isolated~~ DNA molecule of claim 88 comprising a polyadenylation signal sequence.

96. (currently amended) The isolated DNA molecule of Claim 95 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

97-101 (canceled)

102. (currently amended) An expression vector comprising ~~an isolated lysozyme a~~ gene expression controlling region comprising a sequence at least 95% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67 ~~operably linked to a nucleic acid molecule encoding a polypeptide other than a chicken lysozyme protein and controls expression of the~~

~~nucleic acid in a cell wherein the lysozyme gene expression controlling region is obtained from a chicken.~~

103. (canceled)

104. (currently amended) The expression vector of claim 102 comprising a sequence at least ~~95%~~ 99% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

105. (currently amended) The expression vector of claim 102 comprising a sequence ~~at least 99%~~ identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

106. (canceled)

107. (previously added) The expression vector of claim 102 integrated into a cellular genome.

108. (previously added) The expression vector of claim 102 comprising a 5' matrix attachment region or an intrinsically curved region of DNA.

109. (previously added) The expression vector of claim 102 comprising a transcription enhancer.

110. (previously added) The expression vector of claim 102 comprising a negative regulatory element.

111. (previously added) The expression vector of claim 102 comprising at least one hormone responsive element.

112. (previously added) The expression vector of claim 102 comprising an avian CRI repeat element.

113. (previously added) The expression vector of claim 102 comprising a proximal lysozyme promoter or signal peptide-encoding region.

114. (previously added) The expression vector of Claim 102 comprising a polyadenylation signal sequence.

115. (previously added) The expression vector of Claim 114 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

116-120 (canceled).

121. (currently amended) An expression vector comprising a lysozyme gene expression controlling region comprising ~~the nucleotide sequence of SEQ ID NO: 67 or a complement of SEQ ID NO: 67, or~~ a nucleotide sequence that hybridizes to the nucleotide sequence of SEQ ID NO: 67 or hybridizes to the complement of the nucleotide sequence of SEQ ID NO: 67, each hybridization in the presence of about 1.0 M Na ion at a temperature of about 60° C ~~wherein the lysozyme gene expression controlling region is operably linked to a nucleic acid molecule encoding a polypeptide other than a chicken lysozyme protein and controls expression of the nucleic acid molecule in a cell.~~

122. (previously added) The expression vector of claim 121 integrated into a cellular genome.

123. (previously added) The expression vector of claim 121 comprising a 5' matrix attachment region or an intrinsically curved region of DNA.

124. (previously added) The expression vector of claim 121 comprising a transcription enhancer.

125. (previously added) The expression vector of claim 121 comprising a

negative regulatory element.

126. (previously added) The expression vector of claim 121 comprising at least one hormone responsive element.

127. (previously added) The expression vector of claim 121 comprising an avian CRI repeat element.

128. (previously added) The expression vector of claim 121 comprising a proximal lysozyme promoter or signal peptide-encoding region.

129. (previously added) The expression vector of claim 121 wherein the cell is an avian cell.

130. (previously added) The expression vector of claim 121 wherein the cell is a chicken cell.

131. (previously added) The expression vector of claim 121 wherein the cell is a cultured cell.

132. (previously added) The expression vector of claim 121 wherein the cell is an oviduct cell.

133. (previously added) The expression vector of claim 121 wherein the cell is a tubular gland cell.

134. (previously added) The expression vector of claim 121 comprising a polyadenylation signal sequence.

135. (previously added) The expression vector of Claim 134 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

136. (currently amended) A An isolated cell comprising a ~~lysozyme~~ gene expression controlling region comprising a sequence at least 95% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67 operably linked to a nucleic acid molecule encoding a heterologous polypeptide ~~other than a chicken lysozyme protein wherein the lysozyme gene expression controlling region is obtained from a chicken.~~

137. (canceled)

138. (currently amended) The cell of claim 136 wherein the lysozyme gene expression controlling region comprises a sequence at least 95% 99% identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

139. (currently amended) The cell of claim 136 wherein the lysozyme gene expression controlling region comprises a sequence ~~at least 99%~~ identical to SEQ ID NO: 67 or to the complement of SEQ ID NO: 67.

140. (canceled)

141. (currently amended) The ~~isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the cell is an avian cell.

142. (currently amended) The ~~isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the cell is a chicken cell.

143. (currently amended) The ~~isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the cell is a cultured cell.

144. (currently amended) The ~~isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the cell is an oviduct cell.

145. (currently amended) The ~~isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the cell is a tubular gland cell.

146. (currently amended) The ~~Isolated lysozyme gene expression controlling region~~ cell of claim 136 wherein the lysozyme gene expression controlling region comprises ~~comprising~~ a polyadenylation signal sequence.

147. (previously added) The cell ~~DNA molecule~~ of Claim 146 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

148. (currently amended) A An isolated cell comprising a lysozyme gene expression controlling region comprising the nucleotide sequence of SEQ ID NO: 67 or a the complement of SEQ ID NO: 67, or a nucleotide sequence that hybridizes to the nucleotide sequence of SEQ ID NO: 67 or hybridizes to the complement of the nucleotide sequence of SEQ ID NO: 67, each hybridization in the presence of ~~about~~ 1.0 M Na ion at a temperature of ~~about~~ 60° C operably linked to a heterologous polypeptide ~~wherein the lysozyme gene expression controlling region is operably linked to a nucleic acid molecule encoding a polypeptide other than a chicken lysozyme protein.~~

149. (previously added) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 wherein the cell is a cultured cell.

150. (previously added) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 wherein the cell is an avian cell.

151. (previously added) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 wherein the cell is a chicken cell.

152. (previously added) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 wherein the cell is an oviduct cell.

153. (previously added) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 wherein the cell is a tubular gland cell.

154. (currently amended) The cell ~~isolated lysozyme gene expression controlling region~~ of claim 148 comprising a polyadenylation signal sequence.

155. (previously added) The cell ~~DNA molecule~~ of Claim 154 wherein the polyadenylation signal sequence is derived from the SV 40 virus.

156. (new) The isolated DNA molecule of claim 70 comprising a 5' matrix attachment region or an intrinsically curved region of DNA.

157. (new) The isolated DNA molecule of claim 70 comprising a transcription enhancer.

158. (new) The isolated DNA molecule of claim 70 comprising a negative regulatory element.

159. (new) The isolated DNA molecule of claim 70 comprising at least one hormone responsive element.

160. (new) The isolated DNA molecule of claim 70 comprising an avian CRI repeat element.

161. (new) The isolated DNA molecule of claim 70 comprising a proximal lysozyme promoter or signal peptide-encoding region.

162. (new) The isolated DNA molecule of claim 70 comprising a polyadenylation signal sequence.

163. (new) The isolated DNA molecule of Claim 162 wherein the polyadenylation

signal sequence is derived from the SV 40 virus.

164. (new) The isolated DNA molecule of claim 70 operably linked to a nucleic acid molecule encoding a heterologous polypeptide.

165. (new) The isolated DNA molecule of claim 164 wherein the heterologous polypeptide is a protein of pharmaceutical interest.

166. (new) The isolated DNA molecule of claim 88 operably linked to a nucleic acid molecule encoding a heterologous polypeptide.

167. (new) The isolated DNA molecule of claim 166 wherein the heterologous polypeptide is a protein of pharmaceutical interest.

168. (new) The expression vector of claim 102 wherein the gene expression controlling region is operably linked to a nucleic acid molecule encoding a heterologous polypeptide.

169. (new) The isolated DNA molecule of claim 168 wherein the heterologous polypeptide is a protein of pharmaceutical interest.

170. (new) The expression vector of claim 121 wherein the gene expression controlling region is operably linked to a nucleic acid molecule encoding a heterologous polypeptide.

171. (new) The expression vector of claim 170 wherein the heterologous polypeptide is a protein of pharmaceutical interest.

172. (new) The cell of claim 136 wherein the heterologous polypeptide is a protein of pharmaceutical interest.

173. (new) The cell of claim 148 wherein the gene expression controlling region is operably linked to a nucleic acid molecule encoding a heterologous polypeptide.

174. (new) The cell of claim 174 wherein the heterologous polypeptide is a protein of pharmaceutical interest.